

College of Science and Technology
B.A.S. Construction Science and Management



2021-2022 Texas Common Course Numbering System Advising Guide

YEAR	FIRST SEMESTER					SECOND SEMESTER				
	TSU Requirement	Course Name	TCCNS Option	Course Rotation	Credit Hours	TSU Requirement	Course Name	TCCNS Option	Course Rotation	Credit Hours
FIRST SEMESTER										
						General Education				42
						Prior Learning Credit				23
		Total Hours					Total Hours			

YEAR	FIRST SEMESTER					SECOND SEMESTER					
	TSU Requirement	Course Name	TCCNS Option	Course Rotation	Credit Hours	TSU Requirement	Course Name	TCCNS Option	Course Rotation	Credit Hours	
SECOND SEMESTER											
		MATH 1316 or MATH 2412	Plane Trigonometry or Pre-Calculus			3	PHYS 1401	College Physics I	PHYS 1401		4
		ENGT 2303 ¹¹	Engineering Economy	ENGR 2308		3	BUSI 1301	Business Principles	BUSI 1301		3
		Total Hours				6	Total Hours				7

YEAR	FIRST SEMESTER					SECOND SEMESTER					
	TSU Requirement	Course Name	TCCNS Option	Course Rotation	Credit Hours	TSU Requirement	Course Name	TCCNS Option	Course Rotation	Credit Hours	
THIRD SEMESTER											
							CNST 3302 ²	Construction Cost Estimating and Analysis	None		3
		CNST 2323 ¹	Construction Estimating	None		3	CNST 3308 ³	Structural Steel and Timber Construction Commercial	None		3
		CNST 3321	Construction Management	None		3	CNST 3309	Construction and Industrial Subsystems	None		3
		CNST 3320 ⁵	Construction Safety Management	None		3	CNST 3385*	Construction Project Scheduling	None		3
	Total Hours				9	Total Hours				12	

YEAR	FIRST SEMESTER					SECOND SEMESTER					
	TSU Requirement	Course Name	TCCNS Option	Course Rotation	Credit Hours	TSU Requirement	Course Name	TCCNS Option	Course Rotation	Credit Hours	
FOURTH SEMESTER											
		CNST 4313	Construction Law and Ethics	None		3					
		CNST 4325 ⁹	Contract Administration	None		3	CNST 4322 ⁸	Building Information Modeling	None		3
		CNST 3335 ⁶	Construction Layout and Site Development	None		3	ENGT 3318*	Research and Reporting	None		3
		ACCT 3300	Accounting Concepts	None		3	MGMT 3300	Principles of Management	None		3
	Total Hours				12	Total Hours				9	

*Designates Writing Intensive Courses

#See University Catalog or Academic Advisor for Applicable Courses

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Pre-reqs[#]

1 CNST 2323 has a pre-req of CNST 1306 and CNST 1307

2 CNST 3302 has a pre-req of CNST 2323 and CNST 3301

3 CNST 3308 has a pre-req of CNST 1306 and either PHYS 1401 or PHYS 2425

5 CNST 3320 has a pre-req of CNST 1306 or concurrent enrollment

6 CNST 3335 has a pre-req of MATH 1316 or MATH 2412

8 CNST 4322 has a pre-req of CNST 4325, CNST 3385, CNST 3321, and a minimum of 90 hours of coursework completed

9 CNST 4325 has a pre-req of CNST 3321

11 ENGT 2303 has a pre-req of MATH 1316, MATH 2412, or MATH 2413.

Students will need either MATH 2412 Pre-calculus or they will need credit for MATH 1314 College Algebra and MATH 1316 Trigonometry

Students who are transferring into Tarleton with an AAS degree from an ACCE accredited program will meet the CNST 1306, CNST 1307, and CNST 3301 pre-requisites. Students transferring in from a non-ACCE accredited program will need to discuss pre-requisites with an advisor.

Degree Specific

- This 8 semester evaluation is contingent on the successful completion of each class. Please note this evaluation is designed with **prerequisites and course rotation in mind.**

Degree Information

This 120 hour four-year degree plan provides a model for on-time completion of this TSU program using as many TCCNS courses as possible. The four-

- year plan also shows the first point when no TCCNS options are available for this program. See the current Undergraduate Catalog for course prerequisites. Course availability at TSU is subject to change, and the plan shown may change based on updates to TSU's course offerings.
- Texas Common Course Numbering System (TCCNS) provides a shared, uniform set of course designations for students and their advisors to use in determining both course equivalency and degree applicability of transfer credit on a statewide basis.
- **Individual academic programs may require specific courses contained in parts of the University Core Curriculum as prerequisites for certain major requirements.** Students who wish to take courses that will fulfill both core and major requirements simultaneously should check with academic advisors for assistance in selecting core courses.
- Students meet the Writing Proficiency Requirement by completing two upper-level Writing Intensive courses in their major or courses designed for their degree program. Contact the Academic Advisor for additional information or questions.
- Residence is satisfied only by official enrollment in and completion of course work applied toward the degree requirements.
 - A minimum of 30 semester hours of work counted toward the degree must be completed with Tarleton. The work completed at Tarleton and counted toward the degree must include at least 24 advanced hours (3000 or 4000 level) and 12 of these advanced hours must be in the major subject.
- How does duplicating a course impact my GPA?
 - A student may take a course a second or subsequent time at the same institution. The highest grade will be included in the GPA calculation.
- Can I take a course at another school and transfer it back to TSU?
 - If you plan to take a course at another school and transfer it back to TSU, you need to meet with both an advisor and Transfer Services. An advisor can tell you the correct course number to take and assist with completion of a Concurrent Enrollment Form if needed.